



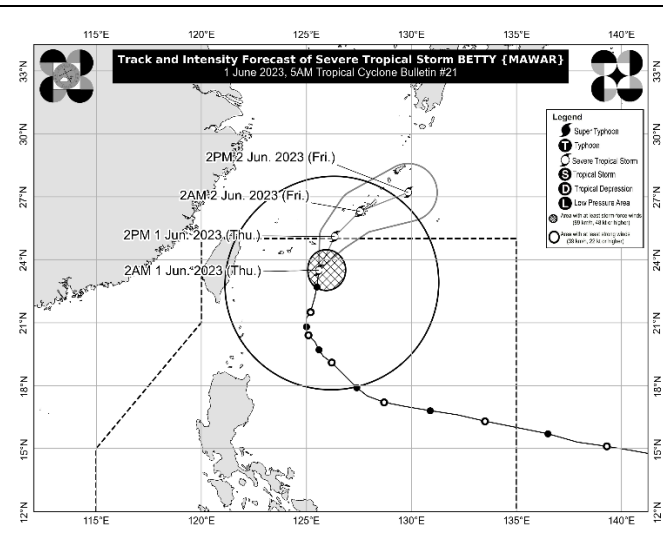
TROPICAL CYCLONE BULLETIN NO. 21
Severe Tropical Storm BETTY (MAWAR)

Issued at 5:00 AM, 01 June 2023

Valid for broadcast until the next bulletin at 11:00 AM today.

BETTY WEAKENS INTO A SEVERE TROPICAL STORM AS IT CONTINUES TO MOVE NORTHWARD.

Location of Center (4:00 AM)
The center of Severe Tropical Storm BETTY was estimated based on all available data at 505 km Northeast of Itbayat, Batanes (23.7°N, 125.6°E)
Intensity
Maximum sustained winds of 110 km/h near the center, gustiness of up to 135 km/h , and central pressure of 975 hPa
Present Movement
Northward at 15 km/h
Extent of Tropical Cyclone Winds
Strong to storm-force winds extend outwards up to 660 km from the center




TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 01 June 2023	25.1	126.4	670 km Northeast of Itbayat, Batanes (OUTSIDE PAR)	110	STS	NNE 10
24-Hour Forecast 2:00 AM 02 June 2023	26.3	127.6	850 km Northeast of Extreme Northern Luzon (OUTSIDE PAR)	100	STS	NE 10
36-Hour Forecast 2:00 PM 02 June 2023	27.2	129.9	850 km Northeast of Extreme Northern Luzon (OUTSIDE PAR)	95	STS	ENE 10

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
1	Batanes	-	-
Wind threat: Strong winds	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

Prepared by: 
PCDM

Checked by: 
RPG



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Forecast accumulated rainfall from tonight to tomorrow evening

- **50-100 mm:** La Union, Benguet, Ilocos Sur, and the southern portion of Abra

Under these conditions, **flooding and rain-induced landslides are possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

As BETTY continues to move away from country, the Southwest Monsoon will become the dominant rain-causing system in the country within the day. **For more information on the areas affected by occasional to frequent rains from the Southwest Monsoon enhanced by BETTY, refer to the Weather Advisory #6 for Southwest Monsoon issued at 11:00 PM today**

Severe Winds

- Should there be no significant changes in the track or extent of tropical cyclone winds of BETTY, the Wind Signal over Batanes will be lifted by noon or afternoon today. Nevertheless, minimal to minor impacts from strong winds (i.e., strong breeze to near gale strength) are still possible in Batanes.
- In the next 24 hours, the **enhanced Southwest Monsoon** will bring **occasional to frequent wind gusts** over northern Cagayan including Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Central Luzon, Metro Manila, CALABARZON, Bicol Region, MIMAROPA, Western Visayas, Northern Samar and the northern portion of Samar.

HAZARDS AFFECTING COASTAL WATERS

Under the influence of Severe Tropical Storm BETTY and the enhanced Southwest Monsoon, a **marine gale warning remains in effect** over the northern seaboard of Northern Luzon, the eastern seaboard of Luzon, and the western seaboard of Southern Luzon. For more information, refer to **Gale Warning #10 issued at 5:00 AM today**.


TRACK AND INTENSITY OUTLOOK

- Severe Tropical Storm BETTY will continue to gradually accelerate northward or north northeastward until this afternoon before beginning to turn northeastward or east northeastward over the waters near the Ryukyu Islands. On the track forecast, BETTY will leave the Philippine Area of Responsibility (PAR) this afternoon or evening. Outside the PAR, the severe tropical storm may make landfall or pass very close to Okinawa Island tonight or tomorrow early morning.
- BETTY is forecast to steadily weaken throughout the forecast period due to lower sea surface temperature of the sea surrounding the Ryukyu Islands. The severe tropical storm may be downgraded to tropical storm category on Saturday, although a faster weakening rate remains possible within the forecast period.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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